Morbidity and Mortality Report





U. S. Department of HEALTH, EDUCATION, AND WELFARE

Public Health Service

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Provisional Information on Selected Notifiable Diseases in the United States for Week Ended November 21, 1953

With only 6 weeks left, it appears that there will be about 350 less cases of diphtheria in 1953 than in 1952, when 3,051 cases were reported for 52 weeks. The estimated decrease in incidence for 1953 will be approximately half the annual decreases of 27, 31, and 26 percent, respectively, for the previous 3 years.

During the past several years the peak incidence of diphtheria has not been as pronounced as in former years, but the number of reported cases has usually been larger during the fall months than for the other months. Since about September 1, near the beginning of the current school year, a total of 762 cases of diphtheria has been reported in the United States as compared with 1,002 for the corresponding period of 1952.

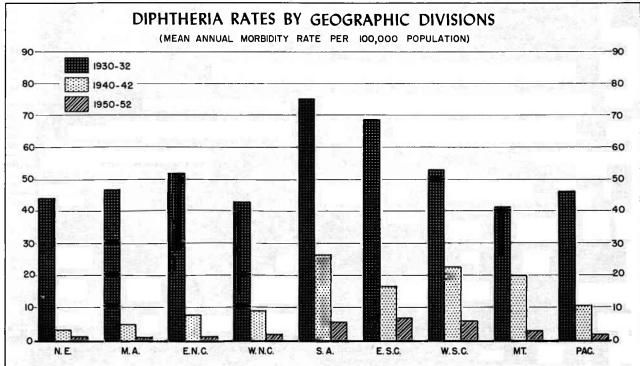
During the last few years a large proportion of the total diphtheria cases have occurred in the South Atlantic, East South Central, and West South Central Divisions. Beginning with the first week in September these 3 divisions have reported more than three-fourths (614 cases) of the total in the Nation. Decreases in the incidence of the disease have occurred in all divisions during the last 20 years, but the decline has been slower in the south eastern part of the country. About 10 States in this section of the United States have reported most of the cases since about Sep-

tember 1, 1953. These States and the numbers of cases reported (last year's figures in parentheses) are as follows: Virginia, 24 (93); North Carolina, 49 (88); South Carolina, 71 (71); Georgia, 159 (91); Florida, 53 (38); Kentucky, 26 (22); Tennessee, 19 (27); Alabama, 99 (223); Mississippi, 25 (15); and Texas, 51 (87). The only apparent concentration of cases is in Jasper County, Georgia, where 20 cases were reported for the week ended November 7. One case was reported in this county the following week and 7 were previously reported in October. Another county, Burke, in the east central part of Georgia, has reported 12 cases since the first of September.

Since January 1, 1953, Puerto Rico has been reporting an average of 6 cases of diphtheria each week. The total to date (297) is 20 percent less than the 370 cases reported for the corresponding period of 1952.

EPIDEMIOLOGICAL REPORTS

Dr. W. M. Talbert, Illinois Department of Public Health, reports a fatal case of what appears to have been botulism. The



50 SEVENTH STREET, N. E. ATLANTA 23, GEORGIA

patient, a 58-year-old woman, became violently ill after tasting several cans of home-canned corn. She noticed a peculiar taste to the corn and discarded the contents of the involved cans by feeding it to chickens. It was reported that the chickens died following the consumption of the corn.

Although no post-mortem examination was made, a hospital pathologist was able to secure some of the suspect corn and inoculated 2 guinea pigs with the material. One pig was protected with botulinus antitoxin and the other served as a control. The protected pig survived but the control animal died with symptoms of botulism. A further test was applied by heating the canned corn and inoculating a pig with the material. This pig survived.

Psittacosis

Dr. Mason Romaine, Virginia Department of Health, has supplied additional information on the case of psittacosis reported in an employee of a pet shop. The patient had normal chest findings when first seen, but 2 days later had a diffuse light infiltration in both lower lobes. There was a severe cough and slight hemoptysis for a few days. Convalescence was slow. A laboratory report indicated a positive complement fixation test of 1:1024. A history of virus pneumonia in July 1951 was obtained. About that time she was working in a poultry packing plant. The pet shop where the patient recently worked was in a department store. The parakeets sold by this store were obtained

from a New York supply house, the same as that for birds recently involved in a case reported in Massachusetts.

Dr. W. L. Halverson, Director, California Department of Public Health, has reported 2 cases of psittacosis, both in adult women. One had continuous contact with parakeets in a private aviary. Diagnosis was confirmed by a positive complement test (1:32). The other patient had prolonged contact with pigeons and myna birds. The complement fixation test was positive, 1:64. Both patients had chills and fever, and showed pulmonary infiltration.

Rabies in man

Dr. R. H. Hutcheson, Tennessee Department of Public Health, reports a case of rabies in a 41-year-old woman. The patient was attacked by a fox, and was bitten on the legs, arms, and left hand. The fox was killed and the head sent to the laboratory where it was found to be positive for rabies. The patient's wounds were thoroughly cleansed and she was given antirabic vaccine, the first injection on the day she was bitten (October 14). Two doses of vaccine were given on each of the following 2 days, then one daily until 27 doses had been given. The patient became ill on November 8 with a tingling in the left hand and arm. She developed typical signs and symptoms of rabies and died 3 days later. Unfortunately no autopsy could be obtained.

Table 1. COMPARATIVE DATA FOR CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	TOTAL FOR WEEK ENDED		5-year median	Approxi- mate seasonal	CUMULATI SINCE S LOW		5-year median	CUMULATIV FOR CAL YEA	5-year median	
	Nov. 21, 1953	Nov. 22, 1952	1948- 52	low week ended	1952-53	1951-52	1947-48 through 1951-52	1953	1952	1948- 52
Anthrax062	11	1	1	(²)	(²)	(²)	(²)	31	33	46
Botulism049.1		11.5		(2)	(2) (2) (2)	(2) (2)	(2)	12	19	
Brucellosis (undulant fever)044	27	32		(2) (2) (2)	(2)	(2)	(2) (2) (2)	1,617	1,922	
Diphtheria055	62	82	177	July 1	1.046	1.284	2.298	2,078	2,665	5,307
Encephalitis, acute infectious082	25	24	21	(2)	(²)	(²)	(²)	1,031	1,814	886
Hepatitis, infectious,	176 12		A. 1	470	424	.0.	A SECTION	200		
and serum092, N998.5 pt.	602	506		(2) (2)	(2) (2)	(2) (2)	(2) (2)	28,595	14,497	
Malaria110-117	24	30						1,369	7,481	
Measles085	2,320	2,104	2,104	Sept. 1	14,279	12,464	12,464	3424,957	653,692	569,190
Meningococcal infections057	80	77	65	Sept. 1	813	763	655	4,578	4,272	3,336
Poliomyelitis, acute080	560	834	733	Apr. 1	432,576	53,406	29,563	434,090	54,599	30,756
Rabies in man094	51	1		(2)	(2) (2)	(²) (²)	(2) (2)	13	17	
Rocky Mountain spotted fever104A Scarlet fever and streptococcal	2	2	2	(*)	(~)	(2)	(2)	290	310	449
sore throat050,051	2,291	2,477	1,295	Aug. 1	19,818	19.215	9_352	119,425	95,080	66,532
Smallpox084	-		101	(²)	(²)	(²)		16	15	29
Trichiniasis128	8	3		(2)	(2)	(2)	(2)	344	327	
Tularemia059	9	15	15	(2) (2)	(2) (2)	(2)	(2) (2) (2)	476	570	792
Typhoid fever040	40	35	42	Apr. 1	1,824	1,866	1,924	2,107	2,247	2,360
Typhus fever, endemic101	2	7		Apr. 1	179	138		217	165	
Whooping cough056	904	740	1,179	Oct. 1	6,147	5,045	8,479	32,517	40,796	60,683
Rabies in animals	179	155	4 44	(²)	(2)	(²)	(²)	6,609	6,899	

Reported in New Hampshire.

NOTE. -Psittacosis, Minnesota and Virginia, 1 case each.

SOURCE AND NATURE OF DATA

These provisional data are based on reports from State and territorial health departments to the Public Health Service. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding

Saturday. When the diseases which rarely occur (cholera, dengue, plague, typhus fever—epidemic, and yellow fever) are reported, they will be noted under the table above.

²Not computed.

SAddition: Oregon, week ended November 7, 34 cases.

Deduction: Nebraska, week ended October 10, 1 case.

SReported in Tennessee.

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED NOVEMBER 21, 1953

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	DIPHTHERIA (055)		INFECT AND S		MEAS		MENINGO INFEO (05	TIONS	POLIOMY ACU (08	TE	AND STRE	T FEVER PTOCOCCAL THROAT ,051)
	46th	week	46th	46th week		week	46th	week	46th	week	46th	week
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES	62	82	602	506	2,320	2,104	80	77	560	834	2,291	2,47
NEW ENGLAND		-	57	24	61	55	4	2	43	15	162	160
Maine	_	1.3-	24	10	30	18	_	_	4	1	32	2:
New Hampshire		- 3-	5	A	-	313-	1		6	1	11	1
Vermont		7.7			20	2			1	2	10	175
Massachusetts	-		24	12 2	7	21	2	2	25	6	72	7.
Rhode Island		- 1	1 3		4	14	1	0.01	3 4	2	16	4:
MIDDLE ATLANTIC	3	3	137	36	402	211	16	16	89	82	431	330
New York	3	1	110	33	193	44	10	6	73	46	312	193
New Jersey	-	ī	-6	7.17	32	72	3	2	2	10	34	46
Pennsylvania	-	1	21	3	177	95	3	8	14	26	85	92
EAST NORTH CENTRAL	3	3	66	47	503	690	15	13	116	162	321	522
Onio		1	15	23	39	148						
Indiana	2	1	15	16	39 74	11	3 8	1	39 9	21	86	178
Illinois	1	1	16	5	99	82	1	3	19	17 44	59 68	55 82
Michigan	4 - 2		15	i	226	161	2	4	29	52	68	141
Wisconsin	-	-	6	2	65	288	1	5	20	28	40	66
WEST NORTH CENTRAL	3	8	54	31	82	299	4	2	58	183	99	141
					3	1						
Minnesota	2	2	16 32	6	35	118 34	3	1	28	55	38	49
Mi gawai	ī	-	2	2	2	34	ī	ī	9 13	30 10	19	15
MissouriNorth Dakota	1	6	2	1	35	7	1		3	8	11 6	16
South Dakota			_	_	2	45		105		27	5	14
Nebraska	1 444		1	14	1	3		_	2	37	8	
Kansas	-	-	1	1	4	58	-	-	3	16	12	33
SOUTH ATLANTIC	31	30	121	215	183	95	12	16	33	65	214	291
Delavare	-	-	1	-	-		-	1	-	1	1	4
Maryland	-	2	5	8	69	9	2	2	5	2	11	18
District of Columbia		-	_	40	-	1	1	1	-	1	7	4
Virginia	5	9	62 17	46 131	18 45	16 49	ī	5	6	8	58	99
West Virginia	6	6	34	17	24	9	3	1 2	6	9	25	31
North Carolina	5	3	1	aa (1 3)	6	5	2	2	4	10	62 12	93
Georgia	11	4	50.0	11	9	4	ī	2	2	11	14	16
Florida	4	6	1	2	12	2	2	1	6	23	24	21
EAST SOUTH CENTRAL	11	23	36	60	146	115	11	8	27	26	78	121
Kentucky	1	1	4	27	46	16	4	4	10	11	15	38
Tennessee	ī	1	16	8	23	59	6	3	8	10	33	57
Alabama	8	19	4	9	76	22	1	-	4	3	16	13
Mississippi	1	2	12	16	1	18	-	1	5	2	14	13
WEST SOUTH CENTRAL	9	5	41	21	275	141	9	6	36	30	652	446
Arkansas	1	1	5	7	14	5		1	4	1	45	36
Louisiana	11.57		1	-	8	1 1 1	2	1	3	6	5	3
Oklahoma	1	1	1	1	5	4	1	55 36	6	9	19	21
Texas	7	3	3 5	13	248	132	6	4	23	14	583	386
MOUNTAIN	1	6	25	17	214	179	540 (4)	1	24	59	87	281
Montana	10-1	1	3	1	16	49	-	- 1 - 1 - 2	6	10	5	29
Idaho	1	1	14		73	3		- 3-	4	5	9	36
Wyoming	-	2.1	2	15	14	32	700	100	2	1	3	31
ColoradoNew Mexico		3	5	15	18	30		3 1 18	1 2	16 6	10 29	13
Arizona	200	ī	100	1	4	45	7		2	10	23	5 141
Utah	5-	F 3.5	1	134 -	78	17	20	1	6	7	6	25
Nevada		-	F 197, 30		14-3	1	1 - 3 2	5	1	4	2	1
PACIFIC	1	4	65	55	454	319	9	13	134	212	247	179
A STATE OF THE STATE OF THE STATE OF	6 1		8	5	158	34	1	1	10	28	51	
WashingtonOregon	1		18	5	38	102		3	11	4	15	45 16
California	With the last	4	39	45	258	183	8	9	113	180	181	118
Children of the September 11 Decrease September 12	157543	EPR 7X	1.1		(371)	TATIONALIN	1-1		W	CITATED ST	7700	42
Alaska	(-) (-) (4)	{-}	{-}	{-}	(2)	{ - }	}_{	{-}	(1)	(9) (1)	{-}	(1
WP 40 TT	J	(14)	(1)	(1)	(26)	(19)	100	(-)	(4)	(-)	(-)	(1

Weekly Morbidity Report

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED NOVEMBER 21, 1953—Continued

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

	TYPHOID		WHOOPIN		rucellosis (un- dulant fever) (044)	Encephalitis, acute infec- tious (082)	.117)	Rocky Mountain spotted fever (104A)	lasis 28)	la (059)	fever, ic (101)	n enimele
AREA	46th	week	46th	week	Brucellosis dulant feve (044)	ncephal acute i tious (Malaria (110-117)	ky Mo otted (10	Trichiniasis (128)	Tularemia	Typhus fe endemic	Rabies in
	1953	1952	1953	1952	Bru	Enc ac t1	Mal	Rocky spot1	Ħ	ĮŽ.	Type	Rab
UNITED STATES	40	3 5	904	740	27	25	24	2	8	9	2	179
NEW ENGLAND	2	-	131	81	2	1	2	-	2	-		-
Maine	, 1	-	3	5	-	-	1	"-	-	-	-	-
New Hampshire Vermont	-		2 40	13			=	-	-	1	_	-
Massachusetts	1		53	24	-	1	1	-	1		_	_
Rhode Island	-		17	10	-	-	-	-	-	-	-	-
Connecticut	-		16	29	2	-	-	-	1	-	- 1	-
MIDDLE ATLANTIC	3	7	267	241	-	7	2	1	2	-	1	10
New York	1	3	189	97	-	7	1	1	2	-	1	10
New Jersey	1 1	1	32	73	-		1	-	- a	-	-	_
	1	3	46	71	-			- [_	-		-
EAST NORTH CENTRAL	5	8	213	133	9	4	2	1	-	3	-	35
OhioIndiana	3	1	42	44	2	-	-	-	п -	-	-	3
Illinois	1	3	20 22	16 10	4	4	1	1		1 2	= [20 8
Michigan		2	105	43	ī	_	ı	• •	-	[-	3
Wisconsin	1	2	24	20	2		-	-	-	No	-	1
WEST NORTH CENTRAL	-	3	29	32	6	4	1	-	-	-	-	11
Minnesota	_	_	4		1	1	_	_	_	0 -	_	3
Iowa		-	16	25	4	_	_	-	_	-	-	2
Missouri North Dakota	-	3	6	2	1	_	1 -	-	-	-	-	6
South Dakota	- x -	-	1	_	-	3	_	L	-		-	_
Nebraska	-		- 1	2	_	_	_	_	_		-	_
Kansas	-	-	2	3		-	1	-	-	-	-	-
SOUTH ATLANTIC	7	5	38	60	2	2	7	-	4	2	-	41
Delaware	-	-	_	7	-	3-	_	-	-	-	-	-
Maryland	-		9	5	-	-	-	-	-	-	-	1
District of Columbia Virginia	3	1 - 1	5 7	1	ī		ī	-	-	- 2		7
West Virginia	3	1	4	29					-			16
North Carolina	-	1	2	5	-	-	-	-	-	-	-	2
South Carolina	-	1	9	-	-	-	6	-	4	-		11 2
GeorgiaFlorida	1	2	2	5 1	1	2	_		V = [<u>. 7</u>		2
EAST SOUTH CENTRAL		1	69	23								35
	12	1	30	6	. 4	-5						11
Kentucky Tennessee	4	-	13	4	3	4 -		_ [_	3 -		15
Alabama	-	-	26	2	-	-	-	-	*	-	-	4
Mississippi	4	- 1-	-	11	1	-	-	- 1				5
WEST SOUTH CENTRAL	7	4	69	65	3	5	2	-	-	3	-	41
Arkansas	4	2	9	10	-	-	-	-	-	1	_	10
Louisiana	- x-	-	7:	8	-	-	-		-	F -	-	
Oklahoma	2	1	2 58	1 46	3	5	2			2	-	1 30
	1		20 10 6					190				
MOUNTAIN	4	3	17	21	1	1	2	14.7	4000	1	10-10	_
Montana		-	10	-	-	1	-	- L	-			
Idaho Wyoming	· 1	- i	- 3	2	2.35		_	- 1	112-	1		577
Colorado	3	ī	2	3	1.	-	-					-
New Mexico	1		1	2	1	-	1	-	-	-		-
Arizona	S. 1054	1	4	12 2	1	1	1			-		all Marie
Nevada				-	-			4 2				
PACIFIC		4	71	84	100	1	6				1	6
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WashingtonOregon	F594	1	23 13	9 18	- 1	1 2 1		thy may	1	De 1		2 37
California	3/1	3	3 5	57	6 .	1	6	FIN .	1	-	1	6
Alaska	(-)	(-1	(-)	(a)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Hawaii	(-) (1)	(-)	(-)	(2)	(-)	(-)	(2)	(-)	(-)	(-)	{ - }	(1
Puerto Rico	12.1	1-1	(13)	(9)	(-)	(-1	(-)	(-)	(-)	(-)	(-)	(1)

Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED NOVEMBER 21, 1953

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N998.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
NEW ENGLAND	- W														
Boston		1'	-	9	1	-	3	-	19	-	_	-	-	8	-
BridgeportCambridge			1		_		ī	_		-	-			-	-
Fall River	_	_	- :	_	_	_	_	_	[_	ī	_ []	-	
Hartford	-	-	-	-	-	- 1	1	-	2	-	-	-	-	1	-
Lowell	7-			-		- 1	-		2	-	-	- 1	-	-	-
New Bedford		_	_		-		_ [-	5	1	= = '	_ [2	
New Haven	_	_	-	2	1	-	-	-	4	-			_	_	_
Portland, Me	-	_	-	1	-			-	3	-	-	-	-	-	-
Providence		_		• -	-	_	1	-	11	_	_			=	_
Springfield, Mass	-	_	1	1	5	_	_	-	-	-			_		
Waterbury	-	-	-	= =	- 1	- 1		-	1	-	-	-	-	-	-
Worcester	-		_	2	-	-	1		3	-	-1	-	-	17	-
MIDDLE ATLANTIC															
Albany	_	_	-	8	_	-	-	_	4	_	-	-	_	4	-
Buffalo	-	-	-	3	8	-	1	-	2	-	-	- !	-	5	-
CamdenElizabeth	-				_					-	_	-	-	1	-
Erie															
Jersey City	-	-	-	-	1	-	-	-	-	-		-	-	2	2277
Newark, N. J	-	-	_	-	6	-	3.5	-	5	-	-		-	1	-
New York City		2 -	6	8	123	6	15	_	220	1	-	1	1	58 1	-
Philadelphia	_	_	_	9	22	1	2	_	22		_			12	
Pittsburgh	-		-	4	56	-	8	-	6	-	-	-	-	4	
Reading	-	-	-	2 2	11	- i	3	-	2	-	- ;	-	-	4	-
Rochester, N. Y Schenectady	_	ř [-	-	-	-	_	4	= ;	_	-	1	-	1183
Syracuse	-	_	-	10	-	!	-	-	13	-	_	_	_ I	6	
Trenton	-	-		-	-			-		-	-	-	-	-	-
UticaYonkers		_ :	_	1	2		2	_	1	-	_	_	-	2	-
TOIRETH												-		- 1	
EAST NORTH CENTRAL												7			
Akron		-	-	/ -	3	-	3	-	7	-		-	-	11	-
Canton	-	ī	- 5	- 6	88		- 6		24	-	-	-	- 3	4	-
Cincinnati	-	-	1:25	-	15	3	1		3		1	_		13	
Cleveland		1	-	1	14		3	-	13	-	-	-	-	22	
Columbus	-	-	-		2	1	3 2	-	12	-	1-	-	-	-	-
Dayton			-	ī	26	1	9	-	19			-	1 - j	41	ī
Evansville	-	-	-	_	3	=	-	-	ı	-	-	-	-	1	-
Flint	-	-	-	-	3	-	- ;	-	2	-	-	-	-	-	-
Fort Wayne	-	-	Ī	2 1	4	ī	1		- 6	- 1	-			3	
Indianapolis	_	-	-	-	30	2	-	_	7	_	-		-	4	2
Milwaukee	-	-	-	2	1	-	-	-	10	-	-	-	-	11	-
Peoria	-	-	- :	4	1	-	ī		1	-	-	-		4	-
South Bend	- 1		1	1	3		2		9	1/	-		-	2	:
Youngstown		_	-		2	1	-	-		-	901	-	_	í	
UPON MODER CENTRAL			- 1	.77										7-12	1.15
WEST NORTH CENTRAL	_	_		-	1.		2	_	2			# Y_1		4	
Des Moines Duluth	-		× 1	_			2	[-	_				-	
Kansas City, Kans	-	-	-		4-	-	-	-	-	-	-	-	-	-	-
Kansas City, Mo	-	1	-	1	-	-	1	-	7	-	0.7	-	-	3	-
Minneapolis		1		3 -	-		5	1	25		-		-	3	-
Omaha	_	1	_	_	-	1	2	-	4			-9.4			
St. Paul	-	-	(E) =	1	-	2	4	-	2	14 -	-	- 1	-	1	-
Wichita	-	-	-	-	2	-	-		- 1	-	-	-	-	1	-

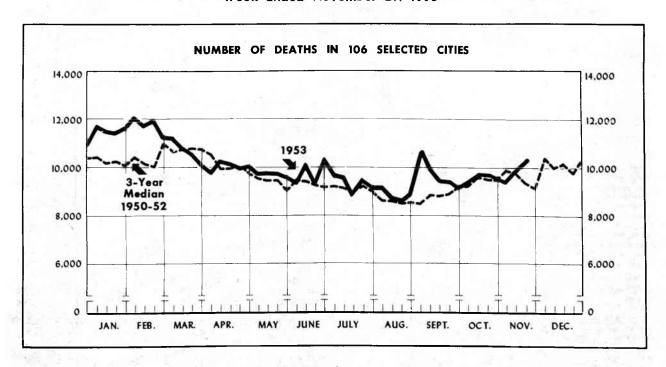
Weekly Morbidity Report

Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED NOVEMBER 21, 1953—Continued

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N998.5 pt.)	Меавlев (085)	Meningococcal infections (057)	Policmyelitis, acute (080)	Rocky Mountain apotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
	, pri	А	É	Ē	Σ	Σ	Ď.	ρ¢	ισ.	£i ,	E	E	T	>	<u>r</u>
SOUTH ATLANTIC															
Atlanta	-	1	-		-	-	-	-	2	-	-	-	-		-
Baltimore	-	-	-	-	32	1	1	-	10	-	-	-	-	8	-
Charleston, S. C	-	1	-	-	-	-	-	-	1	-	-		- f	-	-
Charleston, W. Va Charlotte	-	-	٠				1	<u>-</u>	1 4	-	-	1		1	_
Miami		_ [ī	- 1	1		2	_	_	_	_		_
Norfolk	_	_	_		- 1	-		-		_		1	_	_	_
Richmond	-	-	_	3	-	-	-	- 1	1	-	V.	-	_	-	-
Savannah	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-
Tampa	-	-	-	-	-	7	1	-	5	- 1	-	-	-	-	-
Washington, D. C	-	-	_		-	1		-	7	-	-	-	- 5	5	_
Wilmington, Del		- 1	-	-	-		-	-	-		-	-	_	-	_
EAST SOUTH CENTRAL												У.			
Birmingham	-	1	_		-		2	_	1	_	_			_	1
Chattanooga	_	_	1	1	1	-	-	-		_	100	-	-	_	_
Knoxville		1		_	-	-	-	11 _1	1	-	-	S	-	-	_
Louisville	-	1	2	-	4	1	-	-	7	-	-	-	- 1	3	-
Memphis	-	-	2	1	7	1	2	-	2	-	-	7	-	-	-
Mobile	-	-	- 15	-		-	1	-	3	-	-	- 1	-	-	-
Nashville	-		-	-	1	- 1	-	-	2	-	-	- 1	-	-	- 1
WEST SOUTH CENTRAL		-	-	-	٠ ٦	1	-	-	-	-	-		-	-	1
		_											10/4		
DallasEl Pasc		1			-		3	-	5	-		-	- L	-	4
Fort Worth				3	-	-	-	- 2	4		-	-	-	-	-
Galveston		. V.			-01_1	- 1	2.5	_	_	_	_	_	181-	_	_
Houston	2.0	-	1	2		-	1	-	5	_	-	-	_	-	-
Little Rock		-		-		-	-	-	2	-		1		- '	-
New Orleans				3	12	2	-	-	1	-	-		-	-	-
Oklahoma City		-		-	0.5	-	-	-	-	-	-	-	-	-	-
San Antonio		-	_	1	-		4	v -		-	-	-	-	_	1
Tulsa		- 1		0.5	1	- 1	1		1 2	-		1		_	
MOUNTAIN					-				-		140	-			
240 (2.00)		17.17			-						-		100		
Albuquerque			¥		2	-	-	-	6	-	-	50.50	-	-	8-
Boise City					4										
Denver		V .	3	1	-					- [7	1 -1		1	
Ogden		-		-	5	_	4	-	2		Ē	1111		-	_
Phoenix		-	· ·	-	- 1	_	-	-	_	-	-	-		_	-
Pueblo	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
Salt Lake City	-	-	-	-	59	-	2	-	3	-		4		•	-
Tucson			2 -	-	2	-	1	-	3	-	-	-		1	-
PACIFIC	100	-		100	4								1.1		3.1
Long Beach			. 899	3	3		1		4		_	11-		3	
Los Angeles			3	9	10	1	19	_	16	-	_	- 50	W 7	5	1.2
Oakland	1	-	1	1	-	- 1	2	- 1	5	-	-	-	-	2	-
Portland, Oreg	-		-	-	-		1	-	4	-	-,	9.00	- E	-	-
Sacramento		-	-	=== =8	6	-	1	- 1	6	V - (-	-	-	-
San Diego	100	45-70		1	25		1	-	5	•	•	7.			-
Seattle	5 F		55		60 16	1	2	-	4	-	-	-	-	129	
Spokane	200	1	100	ī	16	F 172	3	-	3 2	31	- 3	-	/ = -		
Tacoma		-	100		16	Wild Co	- 7		5	-		331		_	497
	100			1.500		1000	110		20		h			11.394	# 5
Honolulu	100	100		4.5		-11.0	_	100	_			1000	- 10	-	100

Provisional Statistics for Deaths in Selected Cities for Week Ended November 21, 1953



The chart shows the number of deaths reported for 106 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the three previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval

between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 (d $\pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 4. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

	46th week ended	45th Week ended	46th week	Percentage difference between	CUMULATIVE NUMBER FOR FIRST 46 WEEKS					
GEOGRAPHIC DIVISION	Nov. 21, 1953	Nov. 14, 1953	median 1950-52	current week and median	1953	1952	Percentage difference			
TOTAL: 103 REPORTING CITIES	10,204	9,594	9,141	+11.6	453,529	441,983	+2.6			
New England(14 cities)	693	705	63 0	+10.0	30,500	30,106	+1.3			
Middle Atlantic(15 cities)	3,030	2,936	2,757	+9.9	133,083	130,118	+2.3			
East North Central(18 cities)	2,329	2,083	2,127	+9.5	101,954	98,744	+3.3			
West North Central(9 cities)	754	731	678	+11.2	35,062	33,505	+4.6			
South Atlantic(9 cities)	792	744	793	-0.1	35, 378	35,389	-0.0			
East South Central(7 cities)	397	414	417	-4.8	20,308	19,353	+4,9			
West South Central(12 cities)	704	632	575	+22.4	30,914	29,713	+4.0			
Mountain(7 cities)	237	190	227	+4.4	10,806	10,294	+5.0			
Pacific(12 cities)	1,268	1,159	1,142	+11.0	55,524	54,761	+1.4			

Weekly Mortality Report

Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 21, 1953

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	46th week ended Nov.	45th week ended Nov.	CUMULATIV FOR FIRST	E NUMBER 46 WEEKS	CITY	46th week ended	45th week ended	CUMULATIVE NUMBER FOR FIRST 46 WEEKS		
	21, 1953	14, 1953	1953	1952		Nov. 21, 1953	Nov. 14, 1953	1953	1952	
NEW ENGLAND					WEST NORTH CENTRAL—Con.					
Boston	239	249	10,309	10,141	St. Paul	61	60	2,900	2,76	
Bridgeport	38	41	1,530	1,564	Wichita	32	31	1,827	1,80	
Cambridge	27	27	1,266	1,342	SOUTH ATLANTIC				<i>'</i>	
Fall River	29	34	1,287	1,216						
Lowell	45 29	46 30	2,077	2,036	Atlanta	124	84	4,732	4,62	
Lynn	19	30	1,166	1,102 965	Baltimore	231 32	202 39	10,273	10,62	
New Bedford	20	25	1,050	1,042	Miami	65	48	2,688	2,42	
New Haven	32	49	1,982	1,969	Norfolk	33	31	1,454	1,43	
Providence	71	60	2,742	2,856	Richmond	63	70	2,933	3,06	
Somerville	18	1.3	687	722	Tampa	46	60	2,392	2,43	
Springfield, Mass	42	45	1,791	1,693	Washington, D. C	160	173	8,066	8,029	
WaterburyWorcester	20 64	13 43	1,175 2,418	1,109 2,3 4 9	Wilmington, Del EAST SOUTH CENTRAL	38	37	1,516	1,47	
MIDDLE ATLANTIC					Birmingham	69	72	3,297	3,18	
Albany	41	47	2,076	1,889	Chattanooga	49	41	2,064	2,030	
Suffalo	146	155	6,512	6,230	Knoxville	43	20	1,504	1,458	
Camden	27	40	1,651	1,639	Louisville	88	95	4,809	4,547	
Elizabeth	20	46	1,245	1,315	Memphis	76	97	4,824	4,293	
Crie	43	36	1,573	1,490	Mobile	31 (26)	35	1,444	1,436	
Jersey City		(86)		(3,259)	Nashville	41	(21) 54	(1,227) 2,366	2,406	
Newark, N. J	107 1,644	117 1,565	4,762 72,122	4,727 71,072	WEST SOUTH CENTRAL		34	2,300	2,100	
Paterson	47	34	1,773	1,731				-		
hiladelphia	506	469	22,161	21,321	Austin	13	29	1,143	1,063	
ittsburgh	177	178	7,784	7,904	Baton Rouge	21	26 16	744	746 794	
ochester, N. Y	104	98	4,286	4,142	Dalas		(80)	761	(4,008	
chenectady	24	13	1,077	1,038	El Paso	36	30	1,294	1,203	
yracuse	45 74	51 52	2,477	2,342	Fort Worth	63	54	2,575	2,439	
tica	25	35	2,147 1,437	1,996 1,282	Houston	115	102	5,570	5,211	
onkers		(31)		(1,297)	Little Rock	55	30	1,946	2,033	
		` -/		(-,,	New Orleans	165	146	7,185	6,872	
EAST NORTH CENTRAL			-		Oklahoma City	60	59	2,450	2,358	
kron	44	47	2,571	2,510	San Antonio	91	68	3,692	3,491	
anton	36	24	1,298	1,280	Tulsa	41 32	42 30	1,802 1,752	1,742	
hicago	816	606	33,753	32,695		32	30	1,132	1,10-	
incinnati	131	141	6,825	6,426	MOUNTA IN	180		3-1		
leveland	227	201	9,391	9,365	Albuquerque	41	19	1,222	1,155	
olumbus	108	114	4,744	4,512	Colorado Springs	8	13	603	591	
ayton	72 335	70 3 00	2,820	2,710	Denver	104	81	4,895	4,627	
etroitvansville	333	31	14,423	14,060 1,549	Ogden	15	19	564	573 950	
lint	37	36	1,646	1,544	Pueblo	20	14	1,011	570	
ort Wayne	19	48	1,418	1,358	Salt Lake City	42	35	1,887	1.828	
rand Rapids	33	35	1,774	1,684	Tucson	(6)	(11)	(235)	(216	
ndianapolis	127	107	5,134	5,027	PACIFIC	``'	`/	(/	`	
ilwaukee	108	127	5,545	5,434					240	
eoria	32	23	1,410	1,355	Berkeley	20	18	770	848	
outh Bend	17	23	1,060	1,050	Long Beach	39	48	2,096	2,079 19,5 43	
oledo	102 52	82 68	4,213	4,022	Los Angeles	488 78	421	19,961	4,269	
POTTED CORTILLIANT OF THE POTTED OTTED OF THE POTTED OF THE POTTED OF THE POTTED OF THE POTTED OTTED	32	90	2,452	2,163	Pasadena	41	82 30	1,560	1,440	
WEST NORTH CENTRAL				1.00	Portland, Oreg	92	81	4,464	4,287	
					Sacramento	49	45	2,114	2,094	
s Moines	60	47	2,261	2,246	San Diego	80	55	3,188	3,179	
uluth Kens	30	16	1,217	1,164	San Francisco	171	184	8,518	8,593	
ansas City, Kans	116	39 114	1,527 5,543	1,612 5,074	Seattle	134	138	5,232	5,021	
inneapolis	133	115	5,749	5,287	Spokane	42	33	1,911	1,887	
Maha	56	59	2,916	2,858	Tacoma	34	24	1,473	1,521 (1,446	
	uis 245 250 11,122 10,699 Honolulu									

Symbols.—parentheses [()]: data not included in table 4; 3 dashes [---]: data not available.